

**GOVERNMENT OF ANDHRA PRADESH  
ABSTRACT**

Greater Hyderabad Municipal Corporation – Engg-EE-PD-IV-GHMC-  
Restoration of De-stressed bridge across River Musi adjacent to  
Mussallamjung Bridge-Certain cracks observed in longitudinal girders on  
6.2.2009- Administrative Sanction – Orders – Issued.

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MUNICIPAL ADMINISTRATION & URBAN DEVELOPMENT (F2) DEPARTMENT

**G.O.Ms.No. 420**

**Dated: 06-07-2009**

**Read:-**

From the Commissioner and Special Officer, GHMC, Hyderabad  
Lr.No.GHMC/C&SO/EE/PDIV/2009/170 dt. 29.6.2009 2008-2006/528,  
dt: 18.11.2008 & 17.01.2009.

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In the reference read above, the Commissioner and Special Officer, Greater Hyderabad Municipal Corporation, Hyderabad has stated that the rehabilitation work was started on 18.9.2008 and carried out strengthening the pier caps by increasing the size of the piers duly covering the cantilever portions on both sides and the work was nearing completion. Meanwhile, on 6.2.2009, it was decided to inspect top of P6 pier cap as part of preparatory arrangement for lifting P5 and P6 slab for replacing bearing pads as part of approved rehabilitation scheme. Certain hairline cracks were observed in web portion of longitudinal T-girders in between P6 & P7. A keen observation further on girders of some of other spans, for which ladders could be arranged, has revealed that similar hairline cracks were existing on girders of other spans also.

2. Immediately, the same was brought to the notice of the Engineer-in-Chief, Greater Hyderabad Municipal Corporation, Hyderabad. S. Jaswanth Kumar, Chief Engineer(R&B), Member Expert Technical committee along with Sri Easwar, Technical Director, M/s Civil Aid Techno Clinic Pvt. Ltd, Chief Engineer (M) and Superintending Engineer(P-II), Greater Hyderabad Municipal Corporation, Hyderabad inspected the site. The same was informed to the Commissioner and Special Officer, Greater Hyderabad Municipal Corporation, Hyderabad about the finding on 10.2.2009 and he also inspected the site on the same day and instructed to investigate the causes and to take all the necessary measures duly consulting the experts in the field of bridge construction and rehabilitation.

3. The Commissioner and Special Officer, Greater Hyderabad Municipal Corporation, Hyderabad has informed that he has approved the recommendations made by expert committee vide para No 18 to conduct load test on penultimate & ultimate girders on upstream side for maximum bending moment & shear force.

4. Accordingly, four load tests were conducted on P6-P7 slab for maximum bending moment and shear force on both ultimate and penultimate girders from upstream side under direct supervision of M/s Civil Aid Techno Clinic Pvt. Ltd and they have documented the results and analysis of results and placed before expert committee on 25.3.2009.

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5. The Commissioner & Special Officer, Greater Hyderabad Municipal Corporation, Hyderabad has submitted that as per the minutes of the meeting of expert committee held in the chambers of Engineer-in-Chief, the committee has approved in principle the two schemes prepared by M/s Civil Aid Techno Clinic Pvt. Ltd., one scheme for filling gaps between end griders & end bearings and 2<sup>nd</sup> for filling the cracks (from point of view of durability) based on results of load test & their analysis as additional rehabilitation work.

6. Accordingly M/s Civil Aid Techno Clinic Pvt. Ltd., have prepared a detailed estimate for filling of cracks in longitudinal girders in Mussallamjung bridge for Rs1,00,00,000/- as additional rehabilitation work.

7. The Commissioner and Special Officer, Greater Hyderabad Municipal Corporation, Hyderabad has also submitted that the standing committee and General Body of Greater Hyderabad Municipal Corporation, Hyderabad have accorded approval and recommended to Government to accord administrative sanction for a sum of Rs1.00 Crore for taking up the additional rehabilitation work duly filling of cracks in longitudinal girders in the Mussallamjung Bridge across River Musi and to incur the expenditure from the Greater Hyderabad Municipal Corporation, Hyderabad funds.

8. He has also requested the Government to ratify the action taken by the Commissioner and Special Officer, Greater Hyderabad Municipal Corporation, Hyderabad in having called for short tenders pending administrative sanction in view of extreme emergency.

9. Government after careful examination of the matter hereby accord administrative sanction for an amount of Rs.1.00 (Rupees one crore only) for taking up the additional rehabilitation work and also ratify the action taken in having called short tenders pending administrative sanction by the Government.

10. The Commissioner and Special Officer, Greater Hyderabad Municipal Corporation, Hyderabad shall take necessary action in the matter accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

**S.P. SINGH  
EX. OFFICIO PRINCIPAL SECRETARY TO GOVERNMENT**

To  
The Commissioner and Special Officer,  
Greater Hyderabad Municipal Corporation,  
Hyderabad  
Copy to:  
The Minister (MA).

//FORWARDED BY ORDER//

SECTION OFFICER